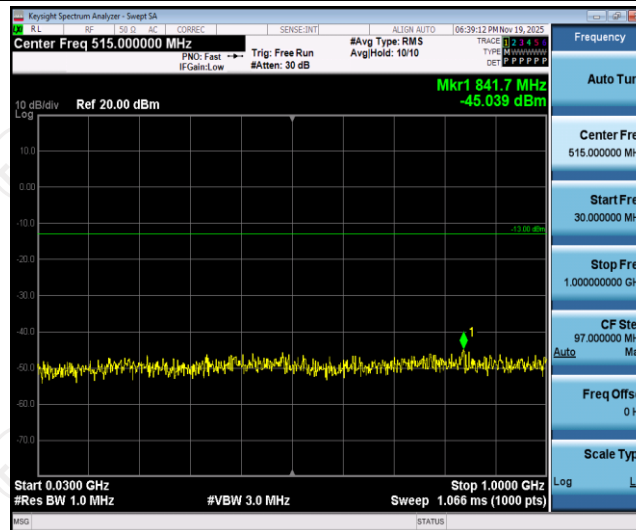
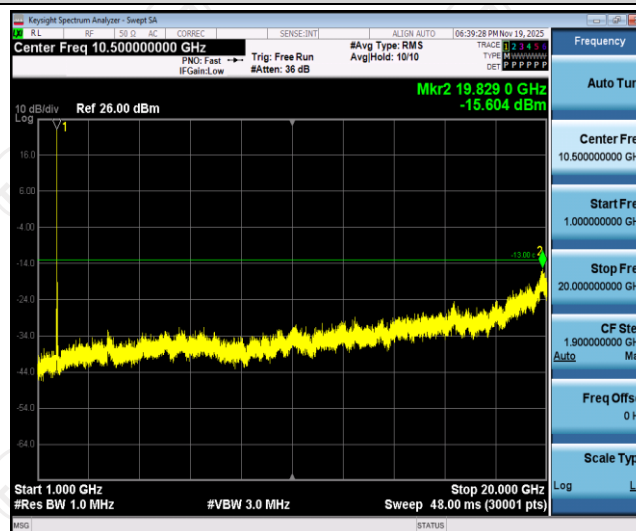
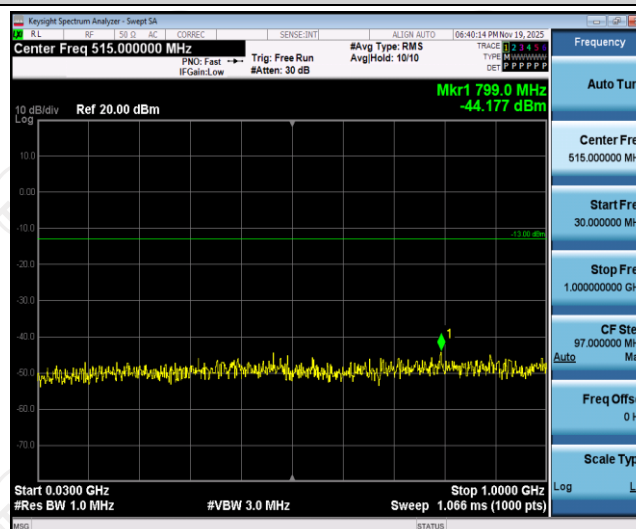




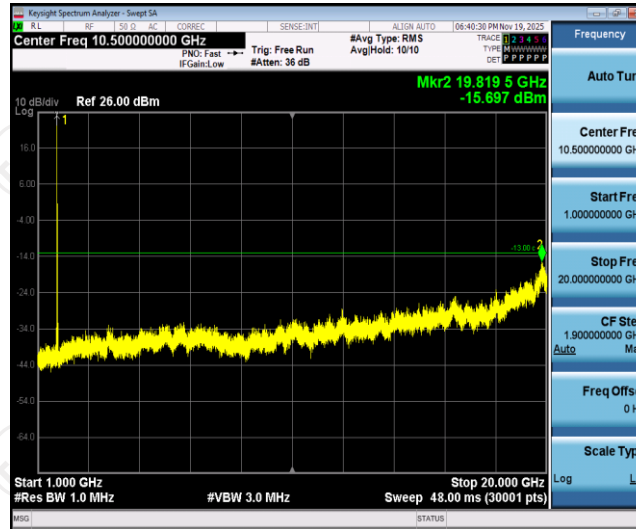
Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



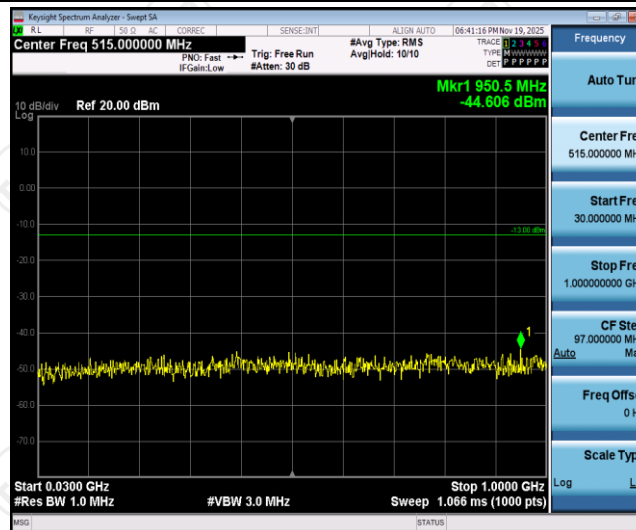
Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



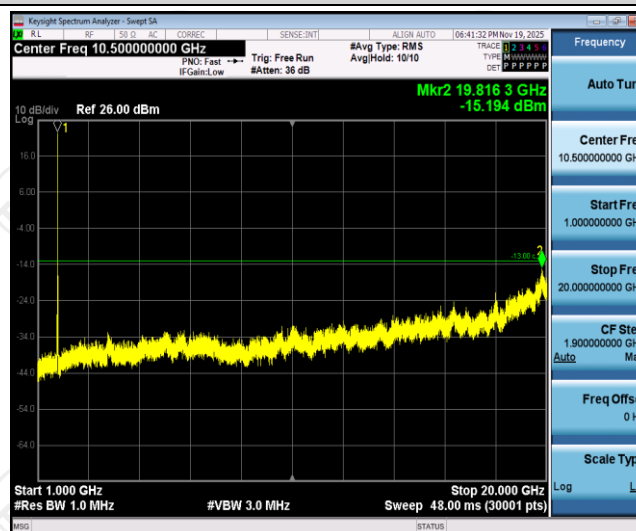
Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



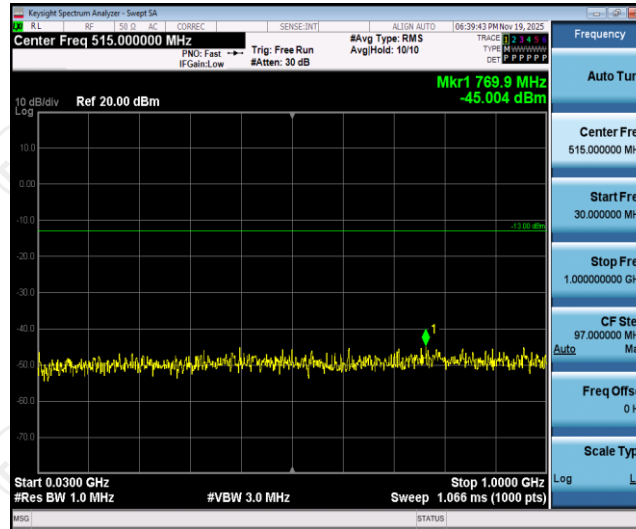
Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



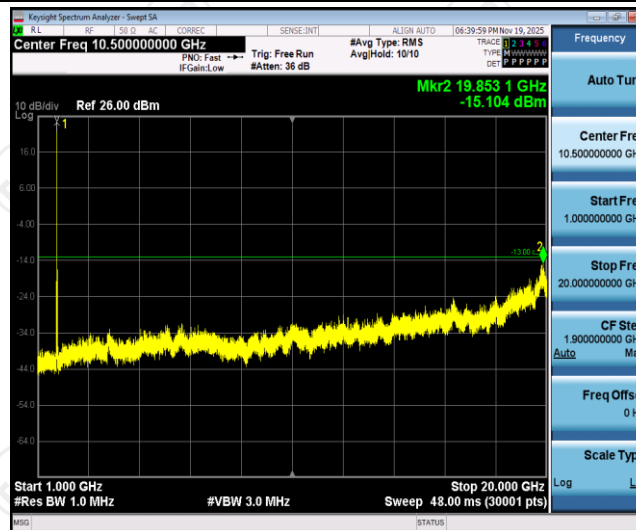
Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



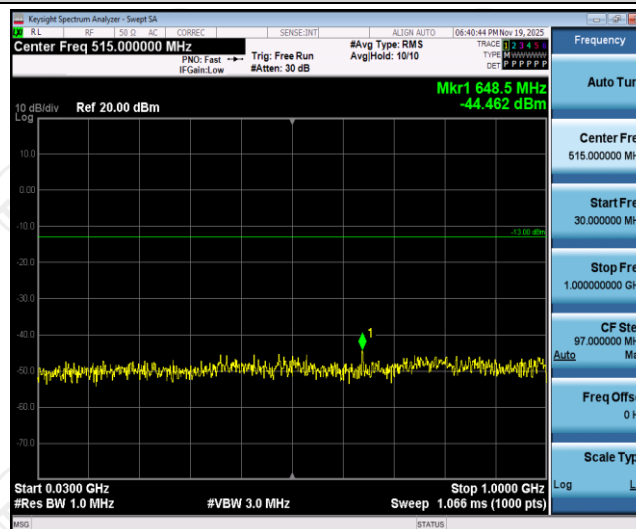
Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



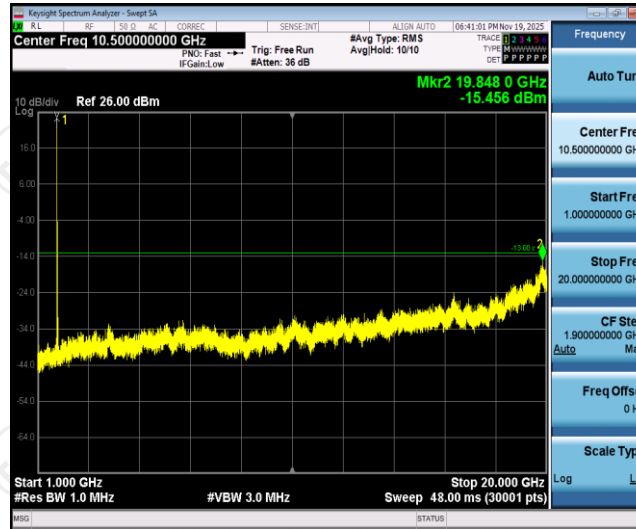
Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



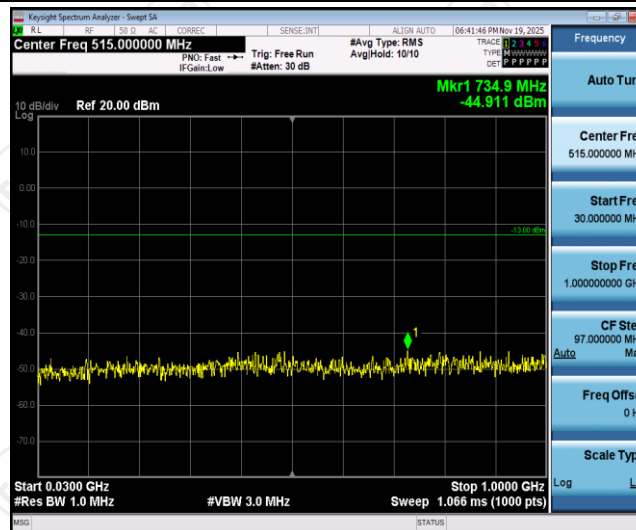
Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



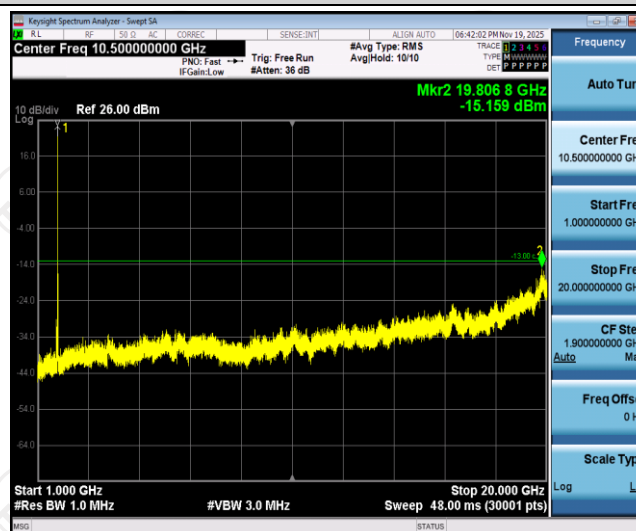
Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-2.76	-0.001605	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-4.85	-0.002820	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-2.00	-0.001163	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	4.14	0.002390	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	7.01	0.004046	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	1.96	0.001131	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	4.37	0.002504	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	5.84	0.003347	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-4.25	-0.002436	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	3.69	0.002145	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-6.19	-0.003599	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-2.95	-0.001715	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-4.38	-0.002528	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	3.17	0.001830	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-7.05	-0.004069	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-3.21	-0.001840	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	4.53	0.002596	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-1.86	-0.001066	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	3.12	0.001814	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-2.84	-0.001651	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	3.22	0.001872	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-6.14	-0.003570	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-10.01	-0.005820	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-4.48	-0.002586	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-6.96	-0.004017	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	3.48	0.002009	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	6.77	0.003908	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	2.60	0.001501	±2.5	PASS

Band4	20MHz	QPSK	20300	100RB#0	NV	-30	1.19	0.000682	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	3.42	0.001960	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	6.08	0.003484	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-3.46	-0.001983	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-1.63	-0.000934	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	-5.49	-0.003192	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	-8.42	-0.004895	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-4.56	-0.002651	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	5.19	0.003017	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-4.91	-0.002855	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-3.08	-0.001778	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-4.92	-0.002840	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-3.71	-0.002141	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	4.84	0.002794	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	5.85	0.003377	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	5.22	0.002991	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-1.26	-0.000722	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	8.92	0.005112	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	9.99	0.005725	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	3.69	0.002115	±2.5	PASS